BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Package No.03(Package consists of 21 works)

NAME OF WORK:1) Improvements to Roads and Drains in Kodigehalli Village Gramatana Ward No.08 Kodigehalli 2) Improvements and Development of Park at Kodigehalli ward No.08 3) Improvements to Roads and Drains at Defence Colony and CQAL Layout at Kodigehalli ward No.08 (Kodigehalli), Kodigehalli sub Division 5) Improvements of Roads and drains at Maruthinagara, Bhadrappa Layout at Kodigehalli Ward No. 08 (Kodigehalli), Kodigehalli Sub Division. 6) Improvements to Roads and Drains to Railway Track to Tatanagara BESCOM Office road at Kodigehalli ward No.08 7) Improvements to Roads and Drains at Shanbog Narayanappa Layout at Kodigehalli ward No.08

Agency: Sri C.G Chanadrappa # 1c 301, 3rd main block HRBR Layout kalyan nagar Bangalore 560043

MEASUREMENT SHEET - 4th and PART BILL

ABSTRACT ESTIMATE

Sl. No.	Description of Work	Unit	Quantity Executed	Rate	Amount	Remark
6 7	Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2meters and an average lift upto 1.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications and as per the directions of the Engineer-in-charge of the work .					7
	Modified Tender Qty		9966.47			
	Already Paid in 1st, 2nd & 3rd Bill Qty		7736.74			
	Present Qty		349.30			
	Total Executed Qty		8086.04			
	Qty for now to be paid	Cum	349.30	93.00	32484.50	
3 4	Removing and refixing stone slabs of drains and pointing in CM (1:3) as per the directions of the Engineer-in-charge of the work .					
	Modified Tender Qty 7183.17		7225.02			
	Already Paid in 1st, 2nd & 3rd Bill Qty 6333.38		6330.57			
	Present Qty		894.44			
	Total Executed Qty 7227.84		7225.01			
	Qty for now to be paid Ctd.	Sqm	894.44	86.20	77100.73	73251.89
4 5	Providing granite slabs of selected quality roughly dressed havinf a size of 7.5 cms thick and fixed in cement mortar (1:6) including fixing curing ete., complete as per the directions of the Engineer-in-charge of the work .		849.79			
	Modified Tender Qty 1693.13		1805.18			
	Already Paid in 1st, 2nd & 3rd Bill Qty		1052.20			
	Present Qty		752.98			
	Total Executed Qty		1805.18			

Contactor

PMC

Assistant Engineer

Assistant Executive Engin.
Kodigehalli Sub Division.

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536332.59

	Qty for now to be paid	Sqm	752.98	712.28	536331.17	
8	Excavation for roadwork in soil with hydraulic excavator of 0.90 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to embankment location and complete as per specifications and as per the directions of the Engineer-in-charge of the work .					
	Modified Tender Qty		3031.57			
	Already Paid in 1st, Bill Qty		820.89			
	Present Qty		559.28			
	Total Executed Qty		1380.17			
	Qty for now to be paid	Cum	559.28	52.17	29177.63	
9	Lead for disposal of earth shall be payable at Carriage rates (Lead & Lift) by mechanical means including loading and unloading up to 15kms as per the directions of the Engineer-in-charge of the work .					
	Modified Tender Qty		19372.14			
	Already Paid in 1st, 2nd & 3rd Bill Qty		14931.73			
	Present Qty		908.57			
	Total Executed Qty		15840.30			
	Qty for now to be paid	Cum	908.57	124.12	112771.86	
12	Scarifying bituminous course 50mm to 75mm thick along with premix carpet / surface dressing by road roller attached with scarifier without disturbing the base and stacking the debris including cost of all labour charges, HOM of machineries complete as per specifications and as per the directions of the Engineer-in-charge of the work .					
	Modified Tender Qty		8449.88			
	Already Paid in 1st, 2nd & 3rd Bill Qty		6477.86			
	Present Qty		623.85			
	Total Executed Qty		7101.71			
	Qty for now to be paid	Sqm	623.85	32.89	20518.43	
11	Providing,laying, spreading and compacting crushed stone aggregates of granite/trap/ basalt to wet mix macadam specification including pre mixing the Material with water at OMC in mechanical mix plant carriage of mixed material by tipper to site, laying in uniform layers with paver in sub-base/ base course on well prepared surface and compacting with vibratory roller to achieve the desired density. complete as per specifications and as per the directions of the Engineer-in-charge of the work .					

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	Modified Tender Qty		5773.44			
	Already Paid in 1st, 2nd & 3rd Bill Qty		4304.05			
	Present Qty		586.73			
	Total Executed Qty		4890.78			
	Qty for now to be paid	Cum	586.73	1891.85	1110005.12	
14	Providing and applying primer coat with SS bitumen emulsion on prepared surface of granular Base such as WBM WMM including clearing of road surface and spraying primer at the rate of 0.60 kglsqm using mechanical means complete as per specifications and as per the directions of the Engineer-in-charge of the work .					
	Modified Tender Qty		24705.56			
	Already Paid in 1st, 2nd & 3rd Bill Qty		18655.63			
	Present Qty		2479.70			
	Total Executed Qty		21135.32			
	Qty for now to be paid	Sqm	2479.70	29.49	73126.35	
16	Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction and as per the directions of the Engineer-in-charge of the work .					
	Modified Tender Qty		356.58			
	Already Paid in 1st, 2nd & 3rd Bill Qty		59.99			
	Present Qty		118.08			
	Total Executed Qty		178.06			
	Qty for now to be paid	Cum	118.08	7618.42	899583.03	
17	Cleaning the existing black topped surface with brooms,soft brushes and finally dusting with old gunny bags and/or compressed air to receive bituminous treatment including cost of all materials,labhour, HOM of machineries complete as per specifications and as per the directions of the Engineer-in-charge of the work .					
	Modified Tender Qty		85574.84			
	Already Paid in 1st, 2nd & 3rd Bill Qty		81164.94			
	Present Qty		1315.70			
	Total Executed Qty		82480.64			
	Qty for now to be paid	Sqm	1315.70	3.40	4473.38	

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18	Providing and applying tack coat using 80/100 grade bitumen (VG10) on prepared black topped surfaces at 2.5 Kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications and as per the directions of the Engineer-in-charge of the work .					
	Modified Tender Qty		93484.6			
	Already Paid in 1st, 2nd & 3rd Bill Qty		83638.07			
	Present Qty		3677.30			
	Total Executed Qty		87315.37			
	Qty for now to be paid	Sqm	3677.30	13.61	50048.05	
19	Providing and laying bituminous concrete 30-40 mm compacted thickness with VG30 Bitumen grade using 40-60 HMP using crushed aggregates of grading II, premixed with bituminous binder at 5.4% of mix and filler, transporting the hot mix to work site, laying with a mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction complete in all respects as per specifications and as per the directions of the Engineer-in-charge of the work .					
	Modified Tender Qty		3938.28			
	Already Paid in 1st, 2nd & 3rd Bill Qty		3544.42			
	Present Qty		147.09			
	Total Executed Qty		3691.51		1277747.29	
	Qty for now to be paid	Cum	147.09	8686.84	1277764.67	
20	Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface:- Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications and as per the directions of the Engineer-in-charge of the work .					
	Modified Tender Qty 3461.99		3328.88			
	Already Paid in 1st, 2nd & 3rd Bill Qty		3140.06			
	Present Qty		119.45			
	Total Executed Qty		3259.51			
	Qty for now to be paid	Sqm	119.45	580.71	69365.81	

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Contractor

RUDRAPRASAD CONSULTANTS BANGALORE
PMC

Assistant Engineer

Kodigehalli Sub Division,

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31	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. i) Lime /Cement Concrete. I. By Manual Means :B. Cement Concrete Grade M-15 & M-20.as per the directions of the Engineer-in-charge of the work .					
	Modified Tender Qty		472.83			
	Already Paid in 1st, 2nd & 3rd Bill Qty		266.59			
	Present Qty		206.24			
	Total Executed Qty		472.83		113248.44	
	Qty for now to be paid	Cum	206.24	549.11	113247.55	
32	Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.892 cum and fine aggregates @ 0.465 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications and as per the directions of the Engineer-in-charge of the work .					
	Modified Tender Qty		1059.8			
	Already Paid in 1st, 2nd & 3rd Bill Qty		777.04			
	Present Qty		201.60			
	Total Executed Qty		978.64		1153791.07	
	Qty for now to be paid	Cum	201.60	5723.17	1153793.93	
33	Providing laying plain/ reinforced cement concrete M20 Grade for Box Drain walls of thickness 10cm to 20cm including centering shuttering for work etc. complete as per approved drawing and design as per the directions of the Engineer-in-charge of the work .					
	Modified Tender Qty		935.420			
	Already Paid in 1st, 2nd & 3rd Bill Qty		752.71			
	Present Qty		4.27			
	Total Executed Qty		756.98		50406.28	
	Qty for now to be paid	Cum	4.27	11804.75	50376.77	

Contractor

PMC

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P
Bangalore

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34	Providing TMT steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, palcing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining memebrs wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications and as per the directions of the Engineer-in-charge of the work .					
	Modified Tender Qty		56.05			
	Already Paid in 1st, 2nd & 3rd Bill Qty		41.83			
	Present Qty		0.21			
	Total Executed Qty		42.04		14635.49	
	Qty for now to be paid	Tonne	0.21	68740.46	14667.50	
~~22~~ 23.	Cement concrete pavement.Construction of un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with OPC cement or any other type as per clause 1051.2.2 design mix M20/M30 , with 25mm and down size graded granite metal coarse aggregates and fine aggregtes , with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008 , mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints including groove cutting charges, joint filler, separation membrane, selant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades as per drawing complete as per specifications and as per the directions of the Engineer-in-charge of the work .					
	Modified Tender Qty	823.99	257.42			
	Already Paid in 1st, 2nd & 3rd Bill Qty	669.33	376.30			
	Present Qty		154.66			
	Total Executed Qty	823.99	530.96		1028987.00	
	Qty for now to be paid	Cum	154.66	6653.22	1028995.32	
35	Vaccum de-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator, HOM of machinery, Screed Vibratory, Power Floater, blade and disc etc., with all lead and lift as per the directions of the Engineer-in-charge of the work .					

CGC INFRA PROJECTS PVT LTD Contractor

PRASAD CONSULTANTS BANGALORE PMC

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
Yelahanka Zone, B.B.M.P.
Assistant Executive Engineer

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	Modified Tender Qty		4955.99			
	Already Paid in 1st, 2nd & 3rd Bill Qty		3538.15			
	Present Qty		1417.85			
	Total Executed Qty		4955.99	4956		
	Qty for now to be paid	Sqm	1417.85	102.08	144733.62	
43	Supplying and fixing M.S. Rectangular poles made out of 2 equal angles of 65x65x6 mm welded together and fixed in CC (1:2:4) WITH 2 NOS 16mm dia M.S. hold fast rods each of length 25 cms. Including cost of all materials cutting, bending scaffolding wherever necessary, nicely finishing the welded joints with all lead lifts and as per the directions of the Engineerin - charge of the work and including providing 2 coats of approved quality paint over one coat of shop painting (excluding cost of earthwork and concrete)		1417.84			
	Modified Tender Qty		305.00			
	Already Paid in 1st, 2nd & 3rd Bill Qty		0.00			
	Present Qty		305.00			
	Total Executed Qty		305.00			
	Qty for now to be paid	Sqm	305.00	928.91	283317.55	
39	Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.530 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications and as per the directions of the Engineer-in-charge of the work .					
	Modified Tender Qty		62.12			
	Already Paid in 1st, 2nd & 3rd Bill Qty		51.00			
	Present Qty		11.12			
	Total Executed Qty		62.12		68623.5	
	Qty for now to be paid	Cum	11.12	6171.18	68606.55	
44	Providing chain link fencing 50mm size of 8 guage properly stretched between existing rectangular poles and fixed with suitable bolts & nuts, the free ends shall be welded to the pole and block pipe at top and bottom as required including cost of all materials, labour, lead and lifts and as per the directions of the Engineer-in-charge of work including two coats of approved quality paint over one coat of shop paint concrete)					
	Modified Tender Qty		592.50			
	Already Paid in 1st, 2nd & 3rd Bill Qty		0.00			

COGNIZA PROJECTS PVT LTD Contractor

SUDHARAPRASAD CONSULTANTS BANGALORE PMC

Assistant Engineer

Assistant Executive Engineer. Kodigehalli Sub Division, Yelahanka Zone, B.B.M.P. Bangalore

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	Present Qty		592.50			
	Total Executed Qty		592.50			
	Qty for now to be paid	Sqm	592.50	747.44	442858.20	
45	Providing and fixing M.S. Block pipe of 38mm dia, of heavy guage of 14 including removing the bends, cutting the pipe, and fixing pipe in between the existing two verticle poles (M.S. rectangular poles) and spot welding the chain link with M.S. block pipe including cost of all materials wastage in cutting, and scaffolding wherever necessary with all lead and lift as directed by the Engineer-in-charge of work etc., complete including two coats of approved quality paint over one coat of shop paint.					
	Modified Tender Qty		553.80			
	Already Paid in 1st, 2nd & 3rd Bill Qty		0.00			
	Present Qty		553.80			
	Total Executed Qty		553.80			
	Qty for now to be paid	Sqm	553.80	367.48	203510.42	
E3	Providing and fixing M.S. Gate as per Chief Architect Drawing, using 50mm x 50mm 14 guage M.S. hollow pipe frame work bent to ornamental shape as shown in the drawing and 35mm x 6mm and 16 x 16mm Square rods for verticals alternatively spaced at 4cms c/c in two halves and 40mmx6mm M.S. flats for horizontal member and at the top cast iron spikes are provided at alternate vertical members asshown in the drawing etc., complete. All the steel surface should be thoroughly cleaned free of rust and painted with anti corrosive paint (shop paint) etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, with lead and lift, loading and unloading charges, etc., complete as per specifiocation. (P. No. 45 / I. No. 7.37 of CSR 2018-19)					
	Modified Tender Qty		18.38			
	Already Paid in 1st, 2nd & 3rd Bill Qty		0.00			
	Present Qty		18.38			
	Total Executed Qty		18.38			
	Qty for now to be paid	Sqm	18.38	3416.21	62789.93 62772.87	

GGC INFRA PROJECTS PVT LTD
Contactor

RUDRAPRASAD CONSULTANTS BANGALORE
PMC

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.
Bangalore

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E4	Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications. (Page No. 123 Item No. 15.74 of SR 2018-19).					
	Modified Tender Qty		36.75			
	Already Paid in 1st, 2nd & 3rd Bill Qty		0.00			
	Present Qty		36.75			
	Total Executed Qty		36.75			
	Qty for now to be paid	Sqm	36.75	107.75	3959.78	
					Total Amount	7863590.54

CGC INFRA PROJECTS PVT LTD
Contractor

RUDRAPRASAD CONSULTANTS BANGALORE
PMC

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.
Bengalore.

Assistant Executive Engineer

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BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Package No.03(Package consists of 21 works)

NAME OF WORK:1) Improvements to Roads and Drains in Kodigehalli Village Gramatana Ward No.08 Kodigehalli 2) Improvements and Development of Park at Kodigehalli ward No.08 3) Improvements to Roads and Drains at Defence Colony and CQAL Layout at Kodigehalli ward No.08 (Kodigehalli), Kodigehalli sub Division 5) Improvements of Roads and drains at Maruthinagara, Bhadrappa Layout at Kodigehalli Ward No. 08 (Kodigehalli), Kodigehalli Sub Division. 6) Improvements to Roads and Drains to Railway Track to Tatanagara BESCOM Office road at Kodigehalli ward No.08 7) Improvements to Roads and Drains at Shanbog Narayanappa Layout at Kodigehalli ward No.08

Agency:Sri C.G Chanadrappa # 1c 301, 3rd main block HRBR Layout kalyan nagar Bangalore 560043

Measurements Taken On : 6/1/2020

MEASUREMENT SHEET - 4th and PART BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
Item no.06		Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 1.5m, excavated surface levelled and sides neately dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specification. and as per the directions of the Engineer-in-charge of the work .							
		Drain Desilting							
		CQAL Layout							
		20th B Cross Rd (8th Mn to Kodigehalli Mn Rd)							
		CQAL Layout							
		Left Side							
0	15		Cum	1	15.00	0.50	0.45	3.38	
15	30		Cum	1	15.00	0.50	0.45	3.38	
30	45		Cum	1	15.00	0.50	0.45	3.38	
45	60		Cum	1	15.00	0.50	0.45	3.38	
60	75		Cum	1	15.00	0.50	0.45	3.38	
75	99.2		Cum	1	24.20	0.50	0.45	5.45	
		Right Side							
0	15		Cum	1	15.00	0.50	0.45	3.38	
15	30		Cum	1	15.00	0.50	0.45	3.38	
30	45		Cum	1	15.00	0.50	0.45	3.38	
45	60		Cum	1	15.00	0.50	0.45	3.38	
60	75		Cum	1	15.00	0.50	0.45	3.38	
75	99.2		Cum	1	24.20	0.50	0.45	5.45	
		Desilt							
		10th Main Maruthinagar							
		10th A Cross							
0	17.2		Cum	1	17.20	0.50	0.45	3.87	
		10th B Cross							
0	20.2		Cum	1	20.20	0.50	0.45	4.55	
		10th C Cross							
0	15		Cum	1	15.00	0.65	0.70	6.83	
15	27.7		Cum	1	12.70	0.65	0.65	5.37	
		Drain Desilting							
		Maruthinagar							
		5thA Cross Road							
		Left Side							
0	14		Cum	1	14.00	0.50	0.45	3.15	
		Right Side							
0	14		Cum	1	14.00	0.50	0.45	3.15	71.62
		5thB Cross Road							

PROJECTS PVT LTD Director

RADHAPRASAD CONSULTANTS BANGALORE PMC

Assistant Engineer

Assistant Executive Engineer

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Measurements Taken On : 6/11/20

MEASUREMENT SHEET - 4th and PART BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
		Left Side							
0	15		Cum	1	15.00	0.50	0.45	3.38	
15	19.5		Cum	1	4.50	0.50	0.45	1.01	
		Right Side							
0	15		Cum	1	15.00	0.50	0.45	3.38	
15	19.5		Cum	1	4.50	0.50	0.45	1.01	
		5thD Cross Road							
		Left Side							
0	15		Cum	1	15.00	0.50	0.45	3.38	
15	26		Cum	1	11.00	0.50	0.45	2.48	
		Right Side							
0	15		Cum	1	15.00	0.50	0.45	3.38	
15	26		Cum	1	11.00	0.50	0.45	2.48	
		5thD Cross Road							
		Left Side							
0	15		Cum	1	15.00	0.50	0.45	3.38	
15	32		Cum	1	17.00	0.50	0.45	3.83	
		Right Side							
0	15		Cum	1	15.00	0.50	0.45	3.38	
15	32		Cum	1	17.00	0.50	0.45	3.83	
		9thB Cross Rd Bhadrappa Layout							
		Left Side							
0	15		Cum	1	15.00	0.50	0.45	3.38	
15	30		Cum	1	15.00	0.50	0.45	3.38	
30	45		Cum	1	15.00	0.50	0.45	3.38	
45	60		Cum	1	15.00	0.50	0.45	3.38	
60	75		Cum	1	15.00	0.50	0.45	3.38	
75	90		Cum	1	15.00	0.50	0.45	3.38	
90	97		Cum	1	7.00	0.50	0.45	1.58	
		Right Side							
0	15		Cum	1	15.00	0.50	0.45	3.38	
15	30		Cum	1	15.00	0.50	0.45	3.38	
30	45		Cum	1	15.00	0.50	0.45	3.38	
45	60		Cum	1	15.00	0.50	0.45	3.38	
60	75		Cum	1	15.00	0.50	0.45	3.38	
75	90		Cum	1	15.00	0.50	0.45	3.38	
90	97		Cum	1	7.00	0.50	0.45	1.58	
		11thA Cross Bhadrappa Layout							
		Left Side							
0	15		Cum	1	15.00	0.50	0.45	3.38	
15	30		Cum	1	15.00	0.50	0.45	3.38	
30	45		Cum	1	15.00	0.50	0.45	3.38	
45	60		Cum	1	15.00	0.50	0.45	3.38	
60	67		Cum	1	7.00	0.50	0.45	1.58	
		Right Side							
0	15		Cum	1	15.00	0.50	0.45	3.38	
15	30		Cum	1	15.00	0.50	0.45	3.38	
30	45		Cum	1	15.00	0.50	0.45	3.38	
45	60		Cum	1	15.00	0.50	0.45	3.38	
60	67		Cum	1	7.00	0.50	0.45	1.58	108.84

INFRA PROJECTS PVT. LTD.

SRAPRASAD CONSULTANTS BANGALORE

Scanned by CamScanner

Measurements Taken On : 6/1/25

MEASUREMENT SHEET - 4th and PART BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
		3rd cross Devinagar							
		Left Side							
0	15		Cum	1	15.00	0.50	0.60	4.50	
15	30		Cum	1	15.00	0.50	0.60	4.50	
30	45		Cum	1	15.00	0.50	0.60	4.50	
45	60		Cum	1	15.00	0.50	0.60	4.50	
60	75		Cum	1	15.00	0.50	0.60	4.50	
		Right Side							
0	15		Cum	1	15.00	0.50	0.60	4.50	
15	30		Cum	1	15.00	0.50	0.60	4.50	
30	45		Cum	1	15.00	0.50	0.60	4.50	
45	60		Cum	1	15.00	0.50	0.60	4.50	
60	75		Cum	1	15.00	0.50	0.60	4.50	
75	90		Cum	1	15.00	0.50	0.60	4.50	
90	107		Cum	1	17.00	0.50	0.60	5.10	
		Tata Nagar							
		1st cross Sapthagiri hall							
		Left Side							
0	15		Cum	1	15.00	0.50	0.50	3.75	
15	30		Cum	1	15.00	0.50	0.50	3.75	
30	45		Cum	1	15.00	0.50	0.50	3.75	
45	65.5		Cum	1	20.50	0.50	0.50	5.13	
		Right Side							
0	15		Cum	1	15.00	0.50	0.50	3.75	
15	30		Cum	1	15.00	0.50	0.50	3.75	
30	45		Cum	1	15.00	0.50	0.50	3.75	
45	60		Cum	1	15.00	0.50	0.50	3.75	
60	84		Cum	1	24.00	0.50	0.50	6.00	
		2nd cross Sapthagiri hall							
		Left Side							
0	15		Cum	1	15.00	0.50	0.50	3.75	
15	30		Cum	1	15.00	0.50	0.50	3.75	
30	45		Cum	1	15.00	0.50	0.50	3.75	
45	59		Cum	1	14.00	0.50	0.50	3.50	
		Right Side							
0	15		Cum	1	15.00	0.50	0.50	3.75	
15	30		Cum	1	15.00	0.50	0.50	3.75	
30	45		Cum	1	15.00	0.50	0.50	3.75	
45	52		Cum	1	7.00	0.50	0.50	1.75	
		Sapthagiri hall (Dead end drain)							
0	15		Cum	1	15.00	0.50	0.60	4.50	
15	30		Cum	1	15.00	0.50	0.60	4.50	
30	45		Cum	1	15.00	0.50	0.60	4.50	
45	60		Cum	1	15.00	0.50	0.60	4.50	
60	73		Cum	1	13.00	0.50	0.60	3.90	
		Shanbog Narayanappa Layout							
		Balaji layout(Fort house back Side)							
		Left Side							
0	15		Cum	1	15.00	0.50	0.45	3.38	
15	30		Cum	1	15.00	0.50	0.45	3.38	
								148.39	

Contactor

Assistant Engineer

Executive Engineer.

Scanned by CamScanner

Measurements Taken On : 6/1/2020

MEASUREMENT SHEET - 4th and PART BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
30	45		Cum	1	15.00	0.50	0.45	3.38	
45	60		Cum	1	15.00	0.50	0.45	3.38	
60	75		Cum	1	15.00	0.50	0.45	3.38	
75	90		Cum	1	15.00	0.50	0.45	3.38	
90	101		Cum	1	11.00	0.50	0.45	2.48	
		Right Side							
0	21		Cum	1	21.00	0.50	0.45	4.73	20.73
							Total	349.30	

Contactor

PMC

Assistant Engineer

Executive Engineer

Scanned by CamScanner

BBMP (ward No, 8)

Measurements Taken On : 20/1/23

MEASUREMENT SHEET - 4th and PART BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
Item no.03 5		Removing and refixing stone slabs of drains and pointing in CM (1:3) and as per the directions of the Engineer-in-charge of the work .							
		Drain							
		20th B Cross Rd (8th Mn to Kodigehalli Mn Rd)							
		Left Side							
3	12		Sqm	1	9.00	1.80		16.20	
16	28		Sqm	1	12.00	1.80		21.60	
30	43		Sqm	1	13.00	1.80		23.40	
45	57		Sqm	1	12.00	1.80		21.60	
60	72		Sqm	1	12.00	1.80		21.60	
75	96		Sqm	1	21.00	1.80		37.80	
		Right Side							
0	8		Sqm	1	8.00	1.80		14.40	
15	27		Sqm	1	12.00	1.80		21.60	
31	42		Sqm	1	11.00	1.80		19.80	
46	58		Sqm	1	12.00	1.80		21.60	
60	73		Sqm	1	13.00	1.80		23.40	
76	99.2		Sqm	1	23.20	1.80		41.76	
		Drain							
		5thA Cross Road							
		Left Side							
7	12		Sqm	1	5.00	1.35		6.75	
		Right Side	Sqm						
3	10		Sqm	1	7.00	1.35		9.45	
			Sqm						
		5thB Cross Road							
		Left Side							
4	7		Sqm	1	3.00	1.35		4.05	
11	13		Sqm	1	2.00	1.35		2.70	
16	18		Sqm	1	2.00	1.35		2.70	
		Right Side	Sqm						
2	6		Sqm	1	4.00	1.35		5.40	
10	12		Sqm	1	2.00	1.35		2.70	
17	19.5		Sqm	1	2.50	1.35		3.38	
		5thD Cross Road							
		Left Side							
2	6		Sqm	1	4.00	1.35		5.40	
10	13		Sqm	1	3.00	1.35		4.05	
16	18		Sqm	1	2.00	1.35		2.70	
23	26		Sqm	1	3.00	1.35		4.05	
		Right Side							
0	2		Sqm	1	2.00	1.35		2.70	
6	9		Sqm	1	3.00	1.35		4.05	
12	14		Sqm	1	2.00	1.35		2.70	
18	22		Sqm	1	4.00	1.35		5.40	
		5thD Cross Road							
		Left Side							
3	7		Sqm	1	4.00	1.35		5.40	
9	12		Sqm	1	3.00	1.35		4.05	

362.39

Contactor

PMC

Assistant Engineer

Assistant Executive Engineer

Scanned by CamScanner

Measurements Taken On : 20/1/20

MEASUREMENT SHEET - 4th and PART BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
15	18		Sqm	1	3.00	1.35		4.05	
22	27		Sqm	1	5.00	1.35		6.75	
		Right Side							
4	9		Sqm	1	5.00	1.35		6.75	
13	16		Sqm	1	3.00	1.35		4.05	
19	21		Sqm	1	2.00	1.35		2.70	
30	32		Sqm	1	2.00	1.35		2.70	
		9thB Cross Rd Bhadrappa Layout							
		Left Side							
3	6		Sqm	1	3.00	1.35		4.05	
12	14		Sqm	1	2.00	1.35		2.70	
19	22		Sqm	1	3.00	1.35		4.05	
32	36		Sqm	1	4.00	1.35		5.40	
45	52		Sqm	1	7.00	1.35		9.45	
60	64		Sqm	1	4.00	1.35		5.40	
75	82		Sqm	1	7.00	1.35		9.45	
90	93		Sqm	1	3.00	1.35		4.05	
		Right Side							
0	3		Sqm	1	3.00	1.35		4.05	
12	15		Sqm	1	3.00	1.35		4.05	
19	22		Sqm	1	3.00	1.35		4.05	
32	36		Sqm	1	4.00	1.35		5.40	
45	50		Sqm	1	5.00	1.35		6.75	
56	60		Sqm	1	4.00	1.35		5.40	
73	80		Sqm	1	7.00	1.35		9.45	
92	93		Sqm	1	1.00	1.35		1.35	
		11thA Cross Bhadrappa Layout							
		Left Side							
3	6		Sqm	1	3.00	1.35		4.05	
12	14		Sqm	1	2.00	1.35		2.70	
19	22		Sqm	1	3.00	1.35		4.05	
32	36		Sqm	1	4.00	1.35		5.40	
45	52		Sqm	1	7.00	1.35		9.45	
60	64		Sqm	1	4.00	1.35		5.40	
		Right Side							
0	3		Sqm	1	3.00	1.35		4.05	
12	15		Sqm	1	3.00	1.35		4.05	
19	22		Sqm	1	3.00	1.35		4.05	
32	36		Sqm	1	4.00	1.35		5.40	
45	50		Sqm	1	5.00	1.35		6.75	
56	60		Sqm	1	4.00	1.35		5.40	

172.8

UDRAPRASAD CONSULTANTS BANGALORE

Assistant Executive Engineer

Scanned by CamScanner

Measurements Taken On : 23/1/20

MEASUREMENT SHEET - 4th and PART BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
		3rd cross Devinagar							
		Left Side	Sqm						
3	7		Sqm	1	4.00	1.35		5.40	
9	12		Sqm	1	3.00	1.35		4.05	
15	18		Sqm	1	3.00	1.35		4.05	
22	27		Sqm	1	5.00	1.35		6.75	
45	51		Sqm	1	6.00	1.35		8.10	
66	71		Sqm	1	5.00	1.35		6.75	
		Right Side							
3	6		Sqm	1	3.00	1.35		4.05	
12	14		Sqm	1	2.00	1.35		2.70	
19	22		Sqm	1	3.00	1.35		4.05	
32	36		Sqm	1	4.00	1.35		5.40	
45	52		Sqm	1	7.00	1.35		9.45	
60	64		Sqm	1	4.00	1.35		5.40	
76	81		Sqm	1	5.00	1.35		6.75	
93	97		Sqm	1	4.00	1.35		5.40	
		1st cross Sapthagiri hall							
		Left Side							
3	13		Sqm	1	10.00	1.35		13.54	
15	28		Sqm	1	13.00	1.35		17.60	
30	43		Sqm	1	13.00	1.35		17.60	
46	62		Sqm	1	16.00	1.35		21.66	
		Right Side							
4	15		Sqm	1	11.00	1.35		14.89	
17	29		Sqm	1	12.00	1.35		16.25	
32	42		Sqm	1	10.00	1.35		13.54	
45	57		Sqm	1	12.00	1.35		16.25	
60	82		Sqm	1	22.00	1.35		29.79	
		2nd cross Sapthagiri hall							
		Left Side							
0	12		Sqm	1	12.00	1.35		16.25	
16	28		Sqm	1	12.00	1.35		16.25	
30	43		Sqm	1	13.00	1.35		17.60	
47	57		Sqm	1	10.00	1.35		13.54	
		Right Side							
4	14.5		Sqm	1	10.50	1.35		14.22	
15	28		Sqm	1	13.00	1.35		17.60	
30	45		Sqm	1	15.00	1.35		20.31	359.25
47	50		Sqm	1	3.00	1.35		4.06	
							Total	894.44	

20/1/20

PROJECTS PVT LTD

PRASAD CONSU BANGALORE

Scanned by CamScanner

Measurements Taken On : 25/1/20

MEASUREMENT SHEET - 4th and PART BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
Item no.04	5	Providing granite Slabs of Selected quality roughly dressed and fixed in cement mortor (1:6) including fixing curing etc,. 7.5cms thick and as per the directions of the Engineer-in-charge of the work .							
		For BS Slab Drain	Sqm						
		20th B Cross Rd (8th Mn to Kodigehalli Mn Rd)							
		Left Side							
0	3		Sqm	1	3.00	1.80		5.40	
12	16		Sqm	1	4.00	1.80		7.20	
28	30		Sqm	1	2.00	1.80		3.60	
43	45		Sqm	1	2.00	1.80		3.60	
57	60		Sqm	1	3.00	1.80		5.40	
72	75		Sqm	1	3.00	1.80		5.40	
96	99.2		Sqm	1	3.20	1.80		5.76	
		Right Side							
8	15		Sqm	1	7.00	1.80		12.60	
27	31		Sqm	1	4.00	1.80		7.20	
42	46		Sqm	1	4.00	1.80		7.20	
58	60		Sqm	1	2.00	1.80		3.60	
73	76		Sqm	1	3.00	1.80		5.40	
		For BS Slab Drain							
		5thA Cross Road							
		Left Side							
0	7	Left Side	Sqm	1	7.00	1.35		9.45	
12	14		Sqm	1	2.00	1.35		2.70	
		Right Side	Sqm						
0	3		Sqm	1	3.00	1.35		4.05	
10	14		Sqm	1	4.00	1.35		5.40	
		5thB Cross Road							
		Left Side							
0	4		Sqm	1	4.00	1.35		5.40	
7	11		Sqm	1	4.00	1.35		5.40	
13	16		Sqm	1	3.00	1.35		4.05	
18	19.5		Sqm	1	1.50	1.35		2.03	
		Right Side	Sqm						
0	2		Sqm	1	2.00	1.35		2.70	
6	10		Sqm	1	4.00	1.35		5.40	
12	17		Sqm	1	5.00	1.35		6.75	
		5thD Cross Road							
		Left Side							
0	2		Sqm	1	2.00	1.35		2.70	
6	10		Sqm	1	4.00	1.35		5.40	
13	16		Sqm	1	3.00	1.35		4.05	
18	23		Sqm	1	5.00	1.35		6.75	
		Right Side							
2	6		Sqm	1	4.00	1.35		5.40	
9	12		Sqm	1	3.00	1.35		4.05	
14	18		Sqm	1	4.00	1.35		5.40	
22	26		Sqm	1	4.00	1.35		5.40	
		5thD Cross Road							
		Left Side							
0	3		Sqm	1	3.00	1.35		4.05	168.59

Scanned by CamScanner

Measurements Taken On : 29/1/20

MEASUREMENT SHEET - 4th and PART BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
7	9		Sqm	1	2.00	1.35		2.70	
12	15		Sqm	1	3.00	1.35		4.05	
18	22		Sqm	1	4.00	1.35		5.40	
27	32		Sqm	1	5.00	1.35		6.75	
		Right Side							
0	4		Sqm	1	4.00	1.35		5.40	
9	13		Sqm	1	4.00	1.35		5.40	
16	19		Sqm	1	3.00	1.35		4.05	
21	30		Sqm	1	9.00	1.35		12.15	
		9thB Cross Rd Bhadrappa Layout							
		Left Side							
0	3		Sqm	1	3.00	1.35		4.05	
6	12		Sqm	1	6.00	1.35		8.10	
14	19		Sqm	1	5.00	1.35		6.75	
22	32		Sqm	1	10.00	1.35		13.50	
36	45		Sqm	1	9.00	1.35		12.15	
52	60		Sqm	1	8.00	1.35		10.80	
64	75		Sqm	1	11.00	1.35		14.85	
82	90		Sqm	1	8.00	1.35		10.80	
93	97		Sqm	1	4.00	1.35		5.40	
		Right Side							
3	12		Sqm	1	9.00	1.35		12.15	
15	19		Sqm	1	4.00	1.35		5.40	
22	32		Sqm	1	10.00	1.35		13.50	
36	45		Sqm	1	9.00	1.35		12.15	
50	56		Sqm	1	6.00	1.35		8.10	
60	73		Sqm	1	13.00	1.35		17.55	
80	92		Sqm	1	12.00	1.35		16.20	
93	97		Sqm	1	4.00	1.35		5.40	
		11thA Cross Bhadrappa Layout							
		Left Side							
0	3		Sqm	1	3.00	1.35		4.05	
6	12		Sqm	1	6.00	1.35		8.10	
14	19		Sqm	1	5.00	1.35		6.75	
22	32		Sqm	1	10.00	1.35		13.50	
36	45		Sqm	1	9.00	1.35		12.15	
52	60		Sqm	1	8.00	1.35		10.80	
64	67		Sqm	1	3.00	1.35		4.05	
		Right Side	Sqm						
3	12		Sqm	1	9.00	1.35		12.15	
15	19		Sqm	1	4.00	1.35		5.40	
22	32		Sqm	1	10.00	1.35		13.50	
36	45		Sqm	1	9.00	1.35		12.15	
50	56		Sqm	1	6.00	1.35		8.10	
60	67		Sqm	1	7.00	1.35		9.45	
		3rd cross Devinagar	Sqm						
		Left Side	Sqm						
	3		Sqm	1	3.00	1.35		4.05	

34.75

Scanned by CamScanner

Measurements Taken On : 20/1/20

MEASUREMENT SHEET - 4th and PART BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
7	9		Sqm	1	2.00	1.35		2.70	
12	15		Sqm	1	3.00	1.35		4.05	
18	22		Sqm	1	4.00	1.35		5.40	
27	45		Sqm	1	18.00	1.35		24.30	
51	66		Sqm	1	15.00	1.35		20.25	
71	75		Sqm	1	4.00	1.35		5.40	
		Right Side							
0	3		Sqm	1	3.00	1.35		4.05	
6	12		Sqm	1	6.00	1.35		8.10	
14	19		Sqm	1	5.00	1.35		6.75	
22	32		Sqm	1	10.00	1.35		13.50	
36	45		Sqm	1	9.00	1.35		12.15	
52	60		Sqm	1	8.00	1.35		10.80	
64	76		Sqm	1	12.00	1.35		16.20	
81	93		Sqm	1	12.00	1.35		16.20	
97	107		Sqm	1	10.00	1.35		13.50	
		1st cross Sapthagiri hall							
		Left Side							
0	3		Sqm	1	3.00	1.35		4.06	
13	15		Sqm	1	2.00	1.35		2.71	
28	30		Sqm	1	2.00	1.35		2.71	
43	46		Sqm	1	3.00	1.35		4.06	
62	65.5		Sqm	1	3.50	1.35		4.74	
		Right Side							
0	4		Sqm	1	4.00	1.35		5.42	
15	17		Sqm	1	2.00	1.35		2.71	
29	32		Sqm	1	3.00	1.35		4.06	
42	45		Sqm	1	3.00	1.35		4.06	
57	60		Sqm	1	3.00	1.35		4.06	
82	84		Sqm	1	2.00	1.35		2.71	
		2nd cross Sapthagiri hall							
		Left Side							
12	16		Sqm	1	4.00	1.35		5.42	
28	30		Sqm	1	2.00	1.35		2.71	
43	47		Sqm	1	4.00	1.35		5.42	
57	59		Sqm	1	2.00	1.35		2.71	
		Right Side							
0	4		Sqm	1	4.00	1.35		5.42	
14	16		Sqm	1	2.00	1.35		2.71	
28	30		Sqm	1	2.00	1.35		2.71	
45	47		Sqm	1	2.00	1.35		2.71	
50	52		Sqm	1	2.00	1.35		2.71	237.17
							Total	752.98	

753.01

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Measurements Taken On : 9/1/20

MEASUREMENT SHEET - 4th and PART BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
Item no.08		Excavation for roadwork in soil with hydraulic excavator of 0.90 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to embankment location and complete as per specifications. and as per the directions of the Engineer-in-charge of the work .							
		Road Portion							
		Kote beedi(cross road opposite Pattalamma temple)							
0	17.2		Cu	1	17.20	4.30	0.1	7.40	
17.2	28.2		Cu	1	11.00	6.55	0.1	7.21	
28.2	41.2		Cu	1	13.00	4.60	0.1	5.98	
41.2	56.7		Cu	1	15.50	3.60	0.1	5.58	
56.7	65.1		Cu	1	8.40	1.50	0.1	1.26	
65.1	77.9		Cu	1	12.80	3.25	0.1	4.16	
77.9	100.9		Cu	1	23.00	3.70	0.1	8.51	
100.9	107		Cu	1	6.10	7.00	0.1	4.27	
		Behind anjaneya swami temple, Kodigehalli							
0	15		Cu	1	15.00	4.55	0.1	6.83	
15	30		Cu	1	15.00	3.65	0.1	5.48	
30	46.6		Cu	1	16.60	3.95	0.1	6.56	
		Cross Road							
0	6.5		Cu	1	6.50	1.40	0.1	0.91	
		4th Cross Road Kodigehalli							
0	19		Cu	1	19.00	3.85	0.1	7.32	
19	34		Cu	1	15.00	3.30	0.1	4.95	
34	50		Cu	1	16.00	3.80	0.1	6.08	
		B.Saroja devi road,Kodigehalli Village							
0	15		Cu	1	15.00	3.75	0.1	5.63	
15	30		Cu	1	15.00	3.30	0.1	4.95	
30	45		Cu	1	15.00	2.95	0.1	4.43	
45	64		Cu	1	19.00	2.40	0.1	4.56	
		2nd Cross Kodigehalli							
0	15		Cu	1	15.00	3.20	0.1	4.80	
15	30		Cu	1	15.00	2.80	0.1	4.20	
30	49.6		Cu	1	19.60	2.55	0.1	5.00	
		Maruthinagar							
		9thB Cross Bhadrappa Layout							
0	15		Cum	1	15.00	6.00	0.23	20.70	
18	28		Cum	1	10.00	3.00	0.23	6.90	

143-67

9/1/20

SRA PROJECTS PVT LTD

SUDHAPRASAD CONSULTANTS BANGALORE

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Measurements Taken On : 16/1/20

MEASUREMENT SHEET - 4th and PART BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
30	42		Cum	1	12.00	4.65	0.23	12.85	
49	59		Cum	1	10.00	3.30	0.23	7.59	
63	75		Cum	1	12.00	5.20	0.23	14.35	
77	85		Cum	1	8.00	2.83	0.23	5.20	
88	101.1		Cum	1	13.10	4.95	0.23	14.93	
106	114		Cum	1	8.00	2.86	0.23	5.25	
		11th Cross Maruthi nagar Layout							
0	15		Cum	1	15.00	2.20	0.23	7.59	
15	30		Cum	1	15.00	5.25	0.23	18.11	
32	43		Cum	1	11.00	3.00	0.23	7.59	
49	60		Cum	1	11.00	3.00	0.23	7.59	
62	71		Cum	1	9.00	3.20	0.23	6.62	
		3rd cross Devinagar							
0	15		Cum	1	15.00	3.70	0.23	12.77	
16	25		Cum	1	9.00	2.00	0.23	4.14	
27	42		Cum	1	15.00	3.40	0.23	11.73	
44	54		Cum	1	10.00	2.20	0.23	5.06	
56	75		Cum	1	19.00	3.50	0.23	15.30	
78	90		Cum	1	12.00	2.20	0.23	6.07	
93	107		Cum	1	14.00	3.80	0.23	12.24	
		Road Portion							
		1st cross Sapthagiri hall							
		Left Side							
0	12		Cum	1	12.00	5.00	0.23	13.80	
16	26		Cum	1	10.00	2.00	0.23	4.60	
30	46		Cum	1	16.00	4.35	0.23	16.01	
52	58		Cum	1	6.00	1.60	0.23	2.21	
62	73		Cum	1	11.00	4.00	0.23	10.12	
76	82		Cum	1	6.00	2.40	0.23	3.31	
		Near Under Pass (Pot hole)							
0	13		Cum	1	13.00	5.20	0.23	15.55	
13	22		Cum	1	9.00	5.00	0.23	10.35	
28	39		Cum	1	11.00	3.30	0.23	8.35	
47	52		Cum	1	5.00	4.50	0.23	5.18	
77	86		Cum	1	9.00	2.00	0.23	4.14	
		Road Portion							
		Amco layout 1st main(impact college opp)							
0	19		Cum	1	19.00	8.00	0.23	34.96	
32	40.3		Cum	1	8.30	4.00	0.23	7.64	
49	59		Cum	1	10.00	6.50	0.23	14.95	
64	69		Cum	1	5.00	2.60	0.23	2.99	
75	88		Cum	1	13.00	6.60	0.23	19.73	
92	106		Cum	1	14.00	4.00	0.23	12.88	
91	102.6		Cum	1	11.60	7.00	0.23	18.68	
109	113		Cum	1	4.00	2.80	0.23	2.58	
118	129		Cum	1	11.00	7.00	0.23	17.71	
133	146		Cum	1	13.00	5.00	0.23	14.95	415.67
							Total	559.28	559.34

INFRA PROJECTS PVT LTD

PRASAD CONSULTANTS BANGALORE

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Measurements Taken On : 20/1/20

MEASUREMENT SHEET - 4th and PART BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
Item no.09		Lead for disposal of earth shall be payable at Carriage rates (Lead & Lift) by mechanical means including loading and unloading up to 15kms.and as per the directions of the Engineer-in-charge of the work .							
		Considered same Qty vide I.No.2+ I.No.4	Cum					908.57	
							Total	908.57	

VEERA PROJECTS PVT LTD
Contactor

RUDRAPRASAD CONSULTANTS
BANGALORE
PMC

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division

Scanned by CamScanner

Measurements Taken On : 13/1/21

MEASUREMENT SHEET - 4th and PART BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
Item no. 12		Scarifying bituminous course 50mm to 75mm thick along with premix carpet / surface dressing by road roller attached with scarifier without disturbing the base and stacking the debris including cost of all labour charges, HOM of machineries complete as per specifications and as per the directions of the Engineer-in-charge of the work .							
		Maruthinagar							
		5th A cross road							
0	15.5		Sqm	1	15.50	4.60		71.30	
		5th B cross							
0	20		Sqm	1	20.00	4.60		92.00	
		5th D cross							
0	15		Sqm	1	15.00	5.50		82.50	
15	25.5		Sqm	1	10.50	5.60		58.80	
		2nd cross Sapthagiri hall							
0	15		Sqm	1	15.00	4.65		69.75	
15	30		Sqm	1	15.00	3.80		57.00	
30	45		Sqm	1	15.00	3.10		46.50	
45	60		Sqm	1	15.00	3.30		49.50	
60	75		Sqm	1	15.00	3.70		55.50	
75	85		Sqm	1	10.00	4.10		41.00	
							Total	623.85	

CEC INFRA PROJECTS PVT LTD

RAMAPRASAD CONSULTANTS BANGALORE

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Measurements Taken On : 30/1/25

MEASUREMENT SHEET - 4th and PART BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
Item no.11		Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechaniqal mix plant carriage ' of mixed Material by tipper to site, laying in uniform layers with paver in sub- base/ base course on well prepared surface and compacting with vibratory roller to achieve the desired density.complete as per specifications.and as per the directions of the Engineer-in-charge of the work .							
		Maruthinagar							
		5th A cross road							
0	15.5		Cum	1	15.50	4.60	0.23	16.40	
		5th B cross							
0	20		Cum	1	20.00	4.60	0.23	21.16	
		5th D cross							
0	15		Cum	1	15.00	5.50	0.23	18.98	
15	25.5		Cum	1	10.50	5.60	0.23	13.52	
		9thB Cross Bhadrappa Layout							
0	15		Cum	1	15.00	6.00	0.23	20.70	
18	28		Cum	1	10.00	3.00	0.23	6.90	
30	42		Cum	1	12.00	4.65	0.23	12.85	
49	59		Cum	1	10.00	3.30	0.23	7.59	
63	75		Cum	1	12.00	5.20	0.23	14.35	
77	85		Cum	1	8.00	2.83	0.25	5.20	
88	101.1		Cum	1	13.10	4.95	0.23	14.93	
106	114		Cum	1	8.00	2.86	0.25	5.25	
		11th Cross Maruthi nagar Layout							
0	15		Cum	1	15.00	2.20	0.23	7.59	
15	30		Cum	1	15.00	5.25	0.23	18.11	
32	43		Cum	1	11.00	3.00	0.23	7.59	
49	60		Cum	1	11.00	3.00	0.23	7.59	
62	71		Cum	1	9.00	3.20	0.23	6.62	
		3rd cross Devinagar							
0	15		Cum	1	15.00	3.70	0.23	12.77	
16	25		Cum	1	9.00	2.00	0.23	4.14	
27	42		Cum	1	15.00	3.40	0.23	11.73	
44	54		Cum	1	10.00	2.20	0.23	5.06	
56	75		Cum	1	19.00	3.50	0.23	15.30	
78	90		Cum	1	12.00	2.20	0.23	6.07	
93	107		Cum	1	14.00	3.80	0.23	12.24	
		1st cross Sapthagiri hall							
0	12		Cum	1	12.00	5.00	0.23	13.80	
16	26		Cum	1	10.00	2.00	0.23	4.60	
30	46		Cum	1	16.00	4.35	0.23	16.01	
52	58		Cum	1	6.00	1.60	0.23	2.21	
62	73		Cum	1	11.00	4.00	0.23	10.12	
76	82		Cum	1	6.00	2.40	0.23	3.31	
		2nd cross Sapthagiri hall							
0	15		Cum	1	15.00	4.65	0.23	16.04	
15	30		Cum	1	15.00	3.80	0.25	13.11	
30	45		Cum	1	15.00	3.10	0.23	10.70	
45	60		Cum	1	15.00	3.30	0.23	11.39	373.93

Contactless

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Measurements Taken On : 30/1/20

MEASUREMENT SHEET - 4th and PART BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
60	75		Cum	1	15.00	3.70	0.23	12.77	
75	85		Cum	1	10.00	4.10	0.23	9.43	
		Near Under Pass (Pot hole)							
0	13		Cum	1	13.00	5.20	0.23	15.55	
13	22		Cum	1	9.00	5.00	0.23	10.35	
28	39		Cum	1	11.00	3.30	0.23	8.35	
47	52		Cum	1	5.00	4.50	0.23	5.18	
77	86		Cum	1	9.00	2.00	0.23	4.14	
		Amco layout 1st main(impact college opp)							
0	19		Cum	1	19.00	8.00	0.23	34.96	
32	40.3		Cum	1	8.30	4.00	0.23	7.64	
49	59		Cum	1	10.00	6.50	0.23	14.95	
64	69		Cum	1	5.00	2.60	0.23	2.99	
75	88		Cum	1	13.00	6.60	0.23	19.73	
92	106		Cum	1	14.00	4.00	0.23	12.88	
91	102.6		Cum	1	11.60	7.00	0.23	18.68	
109	113		Cum	1	4.00	2.80	0.23	2.58	212.94
118	129		Cum	1	11.00	7.00	0.23	17.71	
133	146		Cum	1	13.00	5.00	0.23	14.95	
							Total	586.73	586.77

30/1/2020

Contactor

Assistant Engineer

Assistant Executive Engineer

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Measurements Taken On : 10/2/20

MEASUREMENT SHEET - 4th and PART BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
Item no.14		Providing and applying primer coat with SS bitumen emulsion on prepared surface of granular Base such as WBM WMM including clearing of road surface and spraying primer at the rate of 0.60 kglsqm using mechanical means complete as per specifications. and as per the directions of the Engineer-in-charge of the work .							
		Maruthinagar							
		5th A cross road							
0	15.5		Sqm	1	15.50	4.60		71.30	
		5th B cross							
0	20		Sqm	1	20.00	4.60		92.00	
		5th D cross							
0	15		Sqm	1	15.00	5.50		82.50	
15	25.5		Sqm	1	10.50	5.60		58.80	
		9thB Cross Bhadrappa Layout							
0	15		Sqm	1	15.00	6.00		90.00	
18	28		Sqm	1	10.00	3.00		30.00	
30	42		Sqm	1	12.00	4.65		55.85	
49	59		Sqm	1	10.00	3.30		33.00	
63	75		Sqm	1	12.00	5.20		62.40	
77	85		Sqm	1	8.00	2.83		22.61	
88	101.1		Sqm	1	13.10	4.95		64.90	
106	114		Sqm	1	8.00	2.86		22.84	
		11th Cross Maruthi nagar Layout							
0	15		Sqm	1	15.00	2.20		33.00	
15	30		Sqm	1	15.00	5.25		78.75	
32	43		Sqm	1	11.00	3.00		33.00	
49	60		Sqm	1	11.00	3.00		33.00	
62	71		Sqm	1	9.00	3.20		28.80	
		3rd cross Devinagar							
0	15		Sqm	1	15.00	3.70		55.50	
16	25		Sqm	1	9.00	2.00		18.00	
27	42		Sqm	1	15.00	3.40		51.00	
44	54		Sqm	1	10.00	2.20		22.00	
56	75		Sqm	1	19.00	3.50		66.50	
78	90		Sqm	1	12.00	2.20		26.40	
93	107		Sqm	1	14.00	3.80		53.20	
		1st cross Sapthagiri hall							
0	12		Sqm	1	12.00	5.00		60.00	
16	26		Sqm	1	10.00	2.00		20.00	
30	46		Sqm	1	16.00	4.35		69.60	
52	58		Sqm	1	6.00	1.60		9.60	
62	73		Sqm	1	11.00	4.00		44.00	
76	82		Sqm	1	6.00	2.40		14.40	
		2nd cross Sapthagiri hall							
0	15		Sqm	1	15.00	4.65		69.75	
15	30		Sqm	1	15.00	3.80		57.00	
30	45		Sqm	1	15.00	3.10		46.50	
45	60		Sqm	1	15.00	3.30		49.50	
60	75		Sqm	1	15.00	3.70		55.50	
75	85		Sqm	1	10.00	4.10		41.00	

Contactor

Assistant Engineer

Assistant Executive Engineer

Scanned by CamScanner

Measurements Taken On : 10/2/20

MEASUREMENT SHEET - 4th and PART BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
		Near Under Pass (Pot hole)							
0	13		Sqm	1	13.00	5.20		67.60	
13	22		Sqm	1	9.00	5.00		45.00	
28	39		Sqm	1	11.00	3.30		36.30	
47	52		Sqm	1	5.00	4.50		22.50	
77	86		Sqm	1	9.00	2.00		18.00	
		Amco layout 1st main(impact college opp)							
0	19		Sqm	1	19.00	8.00		152.00	
32	40.3		Sqm	1	8.30	4.00		33.20	
49	59		Sqm	1	10.00	6.50		65.00	
64	69		Sqm	1	5.00	2.60		13.00	
75	88		Sqm	1	13.00	6.60		85.80	
92	106		Sqm	1	14.00	4.00		56.00	
91	102.6		Sqm	1	11.60	7.00		81.20	
109	113		Sqm	1	4.00	2.80		11.20	82 & 80
118	129		Sqm	1	11.00	7.00		77.00	
133	146		Sqm	1	13.00	5.00		65.00	
							Total	2479.70	2551

Contactor

PMC

Assistant Executive Engineer.

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